

What is claimed:

1           1. A stent comprising a tubular member having  
2 hoops aligned along the axis of said tubular member, each  
3 of said hoops comprising a series of sinusoidal or zig-zag  
4 elements including apices alternately pointing in  
5 opposite directions along the axis of the stent with at  
6 least one apex of one hoop adjoining an oppositely pointed  
7 apex of an adjacent hoop and being connected there by a  
8 connecting member.

1           2. A stent according to claim 1, wherein said  
2 tubular member is made from a shape memory alloy.

1           3. A stent according to claim 2, wherein said  
2 shape memory alloy is nitinol.

1           4. A stent according to claim 1, wherein said  
2 connecting member is a suture material.

1           5. A stent according to claim 4, wherein said  
2 suture material is a polypropylene.

1           6. A stent according to claim 1, wherein some of  
2 said apices of one hoop adjoin an oppositely pointed apex  
3 of an adjacent hoop and are connected thereto.

1           7. A stent according to claim 1, wherein all  
2 said apices of one hoop adjoin oppositely pointed apices of  
3 an adjacent hoop and are connected thereto.

1           8. A stent according to claim 1, further  
2 comprising a tubular graft member secured to said tubular  
3 member with at least one said connecting member.

1           9. A stent according to claim 8, wherein said  
2 graft member lies within said tubular member.